

Peter J H Scott

List of Publications by Year in descending order

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172
papers

4,713
citations

109137

35
h-index

128067

60
g-index

249
all docs

249
docs citations

249
times ranked

4570
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Assessment of ⁶⁸ Ga-PSMA-11 PET in Biochemically Recurrent Prostate Cancer: Results from a Prospective Multicenter Study on 2,005 Patients. <i>Journal of Nuclear Medicine</i> , 2022, 63, 567-572.	2.8	20
2	PSMA PET Validates Higher Rates of Metastatic Disease for European Association of Urology Biochemical Recurrence Risk Groups: An International Multicenter Study. <i>Journal of Nuclear Medicine</i> , 2022, 63, 76-80.	2.8	20
3	Synthesis of Radiopharmaceuticals via ¹¹ C-Carbonylation as Exemplified by the Radiolabeling of Inhibitors of Bruton's Tyrosine Kinase. <i>Frontiers in Nuclear Medicine</i> , 2022, 1, .	0.7	9
4	Cerebral topography of vesicular cholinergic transporter changes in neurologically intact adults: A [¹⁸ F]FEOBV PET study. <i>Aging Brain</i> , 2022, 2, 100039.	0.7	15
5	No Dopamine Agonist Modulation of Brain [¹⁸ F]FEOBV Binding in Parkinson's Disease. <i>Molecular Pharmaceutics</i> , 2022, 19, 1176-1182.	2.3	1
6	Synthesis of ⁶⁸ Ga-radiopharmaceuticals using both generator-derived and cyclotron-produced ⁶⁸ Ga as exemplified by [⁶⁸ Ga]Ga-PSMA-11 for prostate cancer PET imaging. <i>Nature Protocols</i> , 2022, 17, 980-1003.	5.5	7
7	Radiosynthesis and <i>In Vivo</i> Evaluation of Four Positron Emission Tomography Tracer Candidates for Imaging of Melatonin Receptors. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1382-1394.	1.7	4
8	Copper-Mediated Radiocyanation of Unprotected Amino Acids and Peptides. <i>Journal of the American Chemical Society</i> , 2022, 144, 7422-7429.	6.6	11
9	Automated Synthesis of ¹⁸ F-BCPP-EF {2-tert-Butyl-4-Chloro-5-[6-[2-(2-[¹⁸ F]fluoroethoxy)-Ethoxy]-Pyridin-3-ylmethoxy]-2H-Pyridazin-3-One for Imaging of Mitochondrial Complex 1 in Parkinson's Disease. <i>Frontiers in Chemistry</i> , 2022, 10, 878835.	1.8	1
10	Editorial: Positron Emission Tomography (PET) Imaging of Brain Biochemistry: Beyond High-Affinity Radioligands. <i>Frontiers in Neuroscience</i> , 2022, 16, 907460.	1.4	1
11	Radiosynthesis and initial preclinical evaluation of [¹¹ C]AZD1283 as a potential P2Y12R PET radiotracer. <i>Nuclear Medicine and Biology</i> , 2022, 114-115, 143-150.	0.3	3
12	<i>In Silico</i> Approaches for Addressing Challenges in CNS Radiopharmaceutical Design. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1675-1683.	1.7	6
13	Cholinergic brain network deficits associated with vestibular sensory conflict deficits in Parkinson's disease: correlation with postural and gait deficits. <i>Journal of Neural Transmission</i> , 2022, 129, 1001-1009.	1.4	8
14	Iridium-catalysierte C-H Borylierung von Heteroarenen: Eine Balance zwischen sterischer und elektronischer Regiokontrolle. <i>Angewandte Chemie</i> , 2021, 133, 2830-2856.	1.6	27
15	Iridium-Catalysed C-H Borylation of Heteroarenes: Balancing Steric and Electronic Regiocontrol. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2796-2821.	7.2	95
16	On the consensus nomenclature rules for radiopharmaceutical chemistry – Reconsideration of radiochemical conversion. <i>Nuclear Medicine and Biology</i> , 2021, 93, 19-21.	0.3	43
17	Highlight selection of radiochemistry and radiopharmacy developments by editorial board. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 13.	1.8	1
18	Regional cerebral cholinergic nerve terminal integrity and cardinal motor features in Parkinson's disease. <i>Brain Communications</i> , 2021, 3, fcab109.	1.5	21

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19	Classics in Neuroimaging: Imaging the Cholinergic System with Positron Emission Tomography. ACS Chemical Neuroscience, 2021, 12, 1472-1479.	1.7	7
20	Sequential Ir/Cu-Mediated Method for the <i>Meta</i> -Selective ¹⁸ F Radiofluorination of (Hetero)Arenes. Journal of the American Chemical Society, 2021, 143, 6915-6921.	6.6	18
21	Radiofluorination of oxazole-carboxamides for preclinical PET neuroimaging of GSK-3. Journal of Fluorine Chemistry, 2021, 245, 109760.	0.9	8
22	Tetramethylammonium Fluoride Alcohol Adducts for ^N Ar Fluorination. Organic Letters, 2021, 23, 4493-4498.	2.4	18
23	A Picture Is Worth a Thousand Words: The Power of Neuroimaging. ACS Chemical Neuroscience, 2021, 12, 2553-2554.	1.7	1
24	Preclinical evaluation of (S)-[¹⁸ F]GE387, a novel 18-kDa translocator protein (TSPO) PET radioligand with low binding sensitivity to human polymorphism rs6971. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 49, 125-136.	3.3	11
25	^N Ar Radiofluorination with In Situ Generated [¹⁸ F]Tetramethylammonium Fluoride. Journal of Organic Chemistry, 2021, 86, 14121-14130.	1.7	9
26	Potential Applications of Artificial Intelligence and Machine Learning in Radiochemistry and Radiochemical Engineering. PET Clinics, 2021, 16, 525-532.	1.5	10
27	An updated synthesis of N 1- ¹¹ Cmethyl)naltrindole for positron emission tomography imaging of the delta opioid receptor. Journal of Labelled Compounds and Radiopharmaceuticals, 2021, 64, 187-193.	0.5	2
28	Synthesis and Evaluation of a Fluorine-18 Radioligand for Imaging Huntingtin Aggregates by Positron Emission Tomographic Imaging. Frontiers in Neuroscience, 2021, 15, 766176.	1.4	7
29	Evaluation of [¹⁸ F]- <i>N</i> -Methyl lansoprazole as a Tau PET Imaging Agent in First-in-Human Studies. ACS Chemical Neuroscience, 2020, 11, 427-435.	1.7	20
30	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopesâ€“6. Molecules, 2020, 25, 119.	1.7	8
31	Radionuclide Imaging for Neuroscience: Current Opinion and Future Directions. Molecular Imaging, 2020, 19, 153601212093639.	0.7	3
32	Classics in Neuroimaging: Shedding Light on Opioid Receptors with Positron Emission Tomography Imaging. ACS Chemical Neuroscience, 2020, 11, 2906-2914.	1.7	6
33	Fully Automated Radiosynthesis of [¹¹ C]Guanidines for Cardiac PET Imaging. ACS Medicinal Chemistry Letters, 2020, 11, 2325-2330.	1.3	4
34	Strategies for PET imaging of the receptor for advanced glycation endproducts (RAGE). Journal of Pharmaceutical Analysis, 2020, 10, 452-465.	2.4	11
35	A spot test for determination of residual TBA levels in ¹⁸ F-radiotracers for human use using Dragendorff reagent. Analytical Methods, 2020, 12, 5004-5009.	1.3	8
36	Improved Synthesis of [¹¹ C]COU and [¹¹ C]PHXY, Evaluation of Neurotoxicity, and Imaging of MAOs in Rodent Heart. ACS Medicinal Chemistry Letters, 2020, 11, 2300-2304.	1.3	2

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37	Cyclotron-based production of ⁶⁸ Ga, [⁶⁸ Ga]GaCl ₃ , and [⁶⁸ Ga]Ga-PSMA-11 from a liquid target. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2020, 5, 25.	1.8	54
38	Synthesis and Evaluation of ¹¹ C- and ¹⁸ F-Labeled SOAT1 Inhibitors as Macrophage Foam Cell Imaging Agents. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1299-1304.	1.3	1
39	Copper-mediated late-stage radiofluorination: five years of impact on preclinical and clinical PET imaging. <i>Clinical and Translational Imaging</i> , 2020, 8, 167-206.	1.1	44
40	Training the next generation of radiopharmaceutical scientists. <i>Nuclear Medicine and Biology</i> , 2020, 88-89, 10-13.	0.3	7
41	The Effects of Intramuscular Naloxone Dose on Mu Receptor Displacement of Carfentanil in Rhesus Monkeys. <i>Molecules</i> , 2020, 25, 1360.	1.7	6
42	Classics in Neuroimaging: Development of Positron Emission Tomography Tracers for Imaging the GABAergic Pathway. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2039-2044.	1.7	9
43	Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes—7. <i>Molecules</i> , 2020, 25, 2968.	1.7	5
44	Guidelines for the content and format of PET brain data in publications and archives: A consensus paper. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1576-1585.	2.4	47
45	NHC-Copper Mediated Ligand-Directed Radiofluorination of Aryl Halides. <i>Journal of the American Chemical Society</i> , 2020, 142, 7362-7367.	6.6	33
46	Synthesis of high-molar-activity [¹⁸ F]6-fluoro-L-DOPA suitable for human use via Cu-mediated fluorination of a BPin precursor. <i>Nature Protocols</i> , 2020, 15, 1742-1759.	5.5	26
47	Synthesis and evaluation of NLRP3-inhibitory sulfonylurea [¹¹ C]MCC950 in healthy animals. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127186.	1.0	14
48	Production of radiometals in liquid targets. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2020, 5, 2.	1.8	32
49	Use of 55 PET radiotracers under approval of a Radioactive Drug Research Committee (RDRC). <i>EJNMMI Radiopharmacy and Chemistry</i> , 2020, 5, 24.	1.8	12
50	Synthesis of [¹⁸ F]- ¹³ C-Fluoro- ^{1,2} -unsaturated Esters and Ketones via Vinylogous ¹⁸ F-Fluorination of ^{1,2} -Diazoacetates with [¹⁸ F]AgF. <i>Synthesis</i> , 2019, 51, 4401-4407.	1.2	10
51	Identification of AV-1451 as a Weak, Nonselective Inhibitor of Monoamine Oxidase. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3839-3846.	1.7	37
52	Structural Basis for Achieving GSK-3 β Inhibition with High Potency, Selectivity, and Brain Exposure for Positron Emission Tomography Imaging and Drug Discovery. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9600-9617.	2.9	31
53	One-pot synthesis of high molar activity 6-[¹⁸ F]fluoro-L-DOPA by Cu-mediated fluorination of a BPin precursor. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8701-8705.	1.5	37
54	Synthesis of 6-(Fluoromethyl)-19-norcholest-5(10)-en-3-ol, a Fluorinated Analogue of NP-59, using the Mild Fluorinating Reagent, TBAF(Pinacol) ₂ . <i>SynOpen</i> , 2019, 03, 55-58.	0.8	3

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55	Evaluating Cholinergic Receptor Expression in Guinea Pig Primary Auditory and Rostral Belt Cortices After Noise Damage Using [³ H]Scopolamine and [¹⁸ F]Flubatine Autoradiography. <i>Molecular Imaging</i> , 2019, 18, 153601211984892.	0.7	0
56	Ring opening of epoxides with [¹⁸ F]FeF species to produce [¹⁸ F]fluorohydrin PET imaging agents. <i>Chemical Communications</i> , 2019, 55, 6361-6364.	2.2	11
57	First-in-Human Brain Imaging of [¹⁸ F]TRACK, a PET tracer for Tropomyosin Receptor Kinases. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2697-2702.	1.7	19
58	Equipment and Instrumentation for Radiopharmaceutical Chemistry. , 2019, , 481-499.		2
59	Classics in Neuroimaging: Development of PET Tracers for Imaging Monoamine Oxidases. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1867-1871.	1.7	42
60	Câ€H ¹⁸ F-fluorination of 8-methylquinolines with Ag[¹⁸ F]F. <i>Chemical Communications</i> , 2019, 55, 2976-2979.	2.2	20
61	Copperâ€Mediated Aminoquinolineâ€Directed Radiofluorination of Aromatic Câ~H Bonds with K ¹⁸ F. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3119-3122.	7.2	40
62	Radioligands for Tropomyosin Receptor Kinase (Trk) Positron Emission Tomography Imaging. <i>Pharmaceuticals</i> , 2019, 12, 7.	1.7	9
63	Copperâ€Mediated Aminoquinolineâ€Directed Radiofluorination of Aromatic Câ~H Bonds with K 18 F. <i>Angewandte Chemie</i> , 2019, 131, 3151-3154.	1.6	9
64	Development and implementation of ISAR, a new synthesis platform for radiopharmaceutical production. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2019, 4, 24.	1.8	12
65	Automated synthesis of [⁶⁸ Ga]oxine, improved preparation of ⁶⁸ Ga-labeled erythrocytes for blood-pool imaging, and preclinical evaluation in rodents. <i>MedChemComm</i> , 2018, 9, 454-459.	3.5	13
66	Copper(II)-Mediated [¹¹ C]Cyanation of Arylboronic Acids and Arylstannanes. <i>Organic Letters</i> , 2018, 20, 1530-1533.	2.4	35
67	DARK Classics in Chemical Neuroscience: Cocaine. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2358-2372.	1.7	38
68	Identification of [¹⁸ F]TRACK, a Fluorine-18-Labeled Tropomyosin Receptor Kinase (Trk) Inhibitor for PET Imaging. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1737-1743.	2.9	36
69	Automated synthesis of PET radiotracers by copperâ€mediated ¹⁸ Fâ€fluorination of organoborons: Importance of the order of addition and competing protodeborylation. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 228-236.	0.5	36
70	Synthesis and Initial In Vivo Evaluation of [¹¹ C]AZ683â€A Novel PET Radiotracer for Colony Stimulating Factor 1 Receptor (CSF1R). <i>Pharmaceuticals</i> , 2018, 11, 136.	1.7	25
71	Futureproofing [¹⁸ F]Fludeoxyglucose manufacture at an Academic Medical Center. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2018, 3, 12.	1.8	10
72	Radiosynthesis of [¹¹ C]LY2795050 for Preclinical and Clinical PET Imaging Using Cu(II)-Mediated Cyanation. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1274-1279.	1.3	12

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73	Targeted nanoparticles for multimodal imaging of the receptor for advanced glycation end-products. <i>Theranostics</i> , 2018, 8, 6352-6354.	4.6	5
74	First-in-Human Studies of [¹⁸ F] Fluorohydroxyphenethylguanidines. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007965.	1.3	23
75	Evaluation of Enzyme Substrate Radiotracers as PET/MRS Hybrid Imaging Agents. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 1140-1143.	1.3	3
76	Issues in preclinical radiopharmaceutical research: Significance, relevance and reproducibility. <i>Nuclear Medicine and Biology</i> , 2018, 67, 52-55.	0.3	1
77	Development of Positron Emission Tomography Radiotracers for the GABA Transporter 1. <i>ACS Chemical Neuroscience</i> , 2018, 9, 2767-2773.	1.7	8
78	Synthesis and pre-clinical evaluation of a potential radiotracer for PET imaging of the dopamine D3 receptor. <i>MedChemComm</i> , 2018, 9, 1315-1322.	3.5	3
79	Gallium-68: methodology and novel radiotracers for positron emission tomography (2012-2017). <i>Pharmaceutical Patent Analyst</i> , 2018, 7, 193-227.	0.4	12
80	Deuterium Kinetic Isotope Effect Studies of a Potential in Vivo Metabolic Trapping Agent for Monoamine Oxidase B. <i>ACS Chemical Neuroscience</i> , 2018, 9, 3024-3027.	1.7	15
81	Development of Customized [¹⁸ F]Fluoride Elution Techniques for the Enhancement of Copper-Mediated Late-Stage Radiofluorination. <i>Scientific Reports</i> , 2017, 7, 233.	1.6	51
82	An updated synthesis of [¹¹ C]carfentanil for positron emission tomography (PET) imaging of the μ -opioid receptor. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 375-380.	0.5	17
83	Clinical Applications of Radiolabeled Peptides for PET. <i>Seminars in Nuclear Medicine</i> , 2017, 47, 493-523.	2.5	49
84	Preclinical Evaluation of ¹¹ C-Sarcosine as a Substrate of Proton-Coupled Amino Acid Transporters and First Human Application in Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1216-1223.	2.8	15
85	Is logP truly dead?. <i>Nuclear Medicine and Biology</i> , 2017, 54, 41-42.	0.3	4
86	Guest Editorial. <i>Seminars in Nuclear Medicine</i> , 2017, 47, 427-428.	2.5	1
87	Clinical Applications of Small-molecule PET Radiotracers: Current Progress and Future Outlook. <i>Seminars in Nuclear Medicine</i> , 2017, 47, 429-453.	2.5	25
88	A Kinome-Wide Selective Radiolabeled TrkB/C Inhibitor for in Vitro and in Vivo Neuroimaging: Synthesis, Preclinical Evaluation, and First-in-Human. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6897-6910.	2.9	20
89	An updated radiosynthesis of [¹⁸ F]AV1451 for tau PET imaging. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2017, 2, 7.	1.8	14
90	Cu-Mediated C-H ¹⁸ F-Fluorination of Electron-Rich (Hetero)arenes. <i>Organic Letters</i> , 2017, 19, 3939-3942.	2.4	87

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91	High-Yielding Automated Convergent Synthesis of No-Carrier-Added [¹¹ C-Carbonyl]-Labeled Amino Acids Using the Strecker Reaction. <i>Synlett</i> , 2017, 28, 371-375.	1.0	8
92	Prevalence of impaired odor identification in Parkinson disease with imaging evidence of nigrostriatal denervation. <i>Journal of Neural Transmission</i> , 2016, 123, 421-424.	1.4	26
93	Synthesis of Diverse ¹¹ C-Labeled PET Radiotracers via Direct Incorporation of [¹¹ C]CO ₂ . <i>Bioconjugate Chemistry</i> , 2016, 27, 1382-1389.	1.8	38
94	Intranasal Opioid Administration in Rhesus Monkeys: PET Imaging and Antinociception. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 359, 366-373.	1.3	23
95	Copper-Mediated Radiofluorination of Arylstannanes with [¹⁸ F]KF. <i>Organic Letters</i> , 2016, 18, 5440-5443.	2.4	151
96	Striatal and Cortical ¹⁸ F-Amyloidopathy and Cognition in Parkinson's Disease. <i>Movement Disorders</i> , 2016, 31, 111-117.	2.2	52
97	Radiochemistry, PET Imaging, and the Internet of Chemical Things. <i>ACS Central Science</i> , 2016, 2, 497-505.	5.3	14
98	Fluorine-18 patents (2009-2015). Part 2: new radiochemistry. <i>Pharmaceutical Patent Analyst</i> , 2016, 5, 319-349.	0.4	13
99	Investigation of Proposed Activity of Clarithromycin at GABA _A Receptors Using [¹¹ C]Flumazenil PET. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 746-750.	1.3	3
100	Synthesis and Evaluation of [¹⁸ F]RAGER: A First Generation Small-Molecule PET Radioligand Targeting the Receptor for Advanced Glycation Endproducts. <i>ACS Chemical Neuroscience</i> , 2016, 7, 391-398.	1.7	32
101	Fluorine-18 patents (2009-2015). Part 1: novel radiotracers. <i>Pharmaceutical Patent Analyst</i> , 2016, 5, 17-47.	0.4	12
102	Moving Metal-Mediated ¹⁸ F-Fluorination from Concept to Clinic. <i>ACS Central Science</i> , 2016, 2, 128-130.	5.3	44
103	Frequency of Cholinergic and Caudate Nucleus Dopaminergic Deficits Across the Predemented Cognitive Spectrum of Parkinson Disease and Evidence of Interaction Effects. <i>JAMA Neurology</i> , 2015, 72, 194.	4.5	121
104	Synthesis of [¹⁸ F]Arenes via the Copper-Mediated [¹⁸ F]Fluorination of Boronic Acids. <i>Organic Letters</i> , 2015, 17, 5780-5783.	2.4	199
105	Clinical markers for identifying cholinergic deficits in Parkinson's disease. <i>Movement Disorders</i> , 2015, 30, 269-273.	2.2	54
106	Synthesis and evaluation of [¹¹ C]PBD150, a radiolabeled glutaminyl cyclase inhibitor for the potential detection of Alzheimer's disease prior to amyloid ¹² aggregation. <i>MedChemComm</i> , 2015, 6, 1065-1068.	3.5	14
107	Synthesis and Initial <i>In Vivo</i> Studies with [¹¹ C]SB-216763: The First Radiolabeled Brain Penetrative Inhibitor of GSK-3. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 548-552.	1.3	38
108	<i>In Vivo</i> Metabolic Trapping Radiotracers for Imaging Monoamine Oxidase-A and -B Enzymatic Activity. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1965-1971.	1.7	14

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109	Green approaches to late-stage fluorination: radiosyntheses of ¹⁸ F-labelled radiopharmaceuticals in ethanol and water. <i>Chemical Communications</i> , 2015, 51, 14805-14808.	2.2	22
110	Non-exercise physical activity attenuates motor symptoms in Parkinson disease independent from nigrostriatal degeneration. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 1227-1231.	1.1	18
111	Targeting Metal-A β 2 Aggregates with Bifunctional Radioligand [¹¹ C]L2-b and a Fluorine-18 Analogue [¹⁸ F]FL2-b. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 112-116.	1.3	11
112	Diabetes mellitus is independently associated with more severe cognitive impairment in Parkinson disease. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1394-1398.	1.1	71
113	Ethanolic carbon-11 chemistry: The introduction of green radiochemistry. <i>Applied Radiation and Isotopes</i> , 2014, 89, 125-129.	0.7	20
114	Extra-nigral pathological conditions are common in Parkinson's disease with freezing of gait: An <i>in vivo</i> positron emission tomography study. <i>Movement Disorders</i> , 2014, 29, 1118-1124.	2.2	101
115	Late-stage ¹⁸ F fluorination: new solutions to old problems. <i>Chemical Science</i> , 2014, 5, 4545-4553.	3.7	266
116	In Vivo Imaging of Human Cholinergic Nerve Terminals with (α)-5- ¹⁸ F-Fluoroethoxybenzovesamicol: Biodistribution, Dosimetry, and Tracer Kinetic Analyses. <i>Journal of Nuclear Medicine</i> , 2014, 55, 396-404.	2.8	107
117	Copper-Catalyzed ¹⁸ F Fluorination of (Mesityl)(aryl)iodonium Salts. <i>Organic Letters</i> , 2014, 16, 3224-3227.	2.4	197
118	Synthesis and evaluation of [¹¹ C]PyrATP-1, a novel radiotracer for PET imaging of glycogen synthase kinase-3 β (GSK-3 β). <i>Nuclear Medicine and Biology</i> , 2014, 41, 507-512.	0.3	27
119	Carbon-11 labeled cathepsin K inhibitors: Syntheses and preliminary <i>in vivo</i> evaluation. <i>Nuclear Medicine and Biology</i> , 2014, 41, 384-389.	0.3	5
120	High Affinity Radiopharmaceuticals Based Upon Lansoprazole for PET Imaging of Aggregated Tau in Alzheimer's Disease and Progressive Supranuclear Palsy: Synthesis, Preclinical Evaluation, and Lead Selection. <i>ACS Chemical Neuroscience</i> , 2014, 5, 718-730.	1.7	77
121	Radiosyntheses using Fluorine-18: The Art and Science of Late Stage Fluorination. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 875-900.	1.0	121
122	Thalamic cholinergic innervation and postural sensory integration function in Parkinson's disease. <i>Brain</i> , 2013, 136, 3282-3289.	3.7	140
123	Synthesis of perfluorinated analogs of DOTA and NOTA: bifunctional chelating groups with potential applications in hybrid molecular imaging. <i>Tetrahedron Letters</i> , 2013, 54, 5755-5757.	0.7	4
124	A fully-automated one-pot synthesis of [¹⁸ F]fluoromethylcholine with reduced dimethylaminoethanol contamination via [¹⁸ F]fluoromethyl tosylate. <i>Applied Radiation and Isotopes</i> , 2013, 78, 26-32.	0.7	27
125	Novel fluorine-18 PET radiotracers based on flumazenil for GABA α imaging in the brain. <i>Nuclear Medicine and Biology</i> , 2013, 40, 901-905.	0.3	15
126	Enhanced radiosyntheses of [¹¹ C]raclopride and [¹¹ C]DASB using ethanolic loop chemistry. <i>Nuclear Medicine and Biology</i> , 2013, 40, 109-116.	0.3	22

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127	(¹⁸ F)Flubatine: evaluation in rhesus monkeys and a report of the first fully automated radiosynthesis validated for clinical use. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013, 56, 595-599.	0.5	22
128	Gait speed in Parkinson disease correlates with cholinergic degeneration. <i>Neurology</i> , 2013, 81, 1611-1616.	1.5	185
129	Synthesis of [¹⁸ F]-Fluorodeoxyglucose ([¹⁸ F]FDG)., 2012, , 1-13.		5
130	Synthesis of [¹⁸ F]Fluoroethyltyrosine (18F-FET)., 2012, , 103-110.		0
131	Synthesis of (+)-[¹¹ C]Dihydrotrabenazine ([¹¹ C]DTBZ)., 2012, , 213-219.		1
132	Synthesis of [¹¹ C]Carfentanil ([¹¹ C]CFN)., 2012, , 257-264.		1
133	Evaluation of [¹¹ C]-N-Methyl Lansoprazole as a Radiopharmaceutical for PET Imaging of Tau Neurofibrillary Tangles. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 936-941.	1.3	52
134	Fully automated radiosynthesis of [¹¹ C]PBR28, a radiopharmaceutical for the translocator protein (TSPO) 18kDa, using a GE TRACERlab FXC-Pro. <i>Applied Radiation and Isotopes</i> , 2012, 70, 1779-1783.	0.7	9
135	Synthesis of [¹⁸ F]Fluorocholine ([¹⁸ F]FCH)., 2012, , 61-68.		0
136	Synthesis of [¹⁸ F]Fluoroazomycin Arabinoside ([¹⁸ F]FAZA)., 2012, , 31-39.		0
137	Synthesis of [¹³ N]Ammonia ([¹³ N]NH ₃)., 2012, , 313-320.		0
138	Novel Strategies for Fluorine-18 Radiochemistry. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1106-1109.	7.2	96
139	Current imaging strategies in rheumatoid arthritis. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 2, 174-220.	1.0	33
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155	Synthesis of 4-(2-Methoxyphenyl)-1-[2-(N-Pyridinyl)-p-[18F]Fluorobenzamido]Ethylpiperazine [18F]MPPF. , 0, , 87-94.		2
156	Synthesis of 6-[18F]Fluorodopamine (6-[18F]FDA). , 0, , 125-138.		5
157	Synthesis of [11C]-meta-Hydroxyephedrine ([11C]MHED). , 0, , 191-198.		2
158	Synthesis of L-[methyl-11C]Methionine ([11C]MET). , 0, , 199-212.		5
159	Synthesis of [68Ga]Gallium Dota-(Tyr3)-Octreotide Acetate ([68Ga]-Dotatoc). , 0, , 321-334.		3
160	Synthesis of [18F]FPPRGD2. , 0, , 51-60.		2
161	Linker Selection Tables. , 0, , 589-655.		0
162	Synthesis of [carbonyl-11C]Way-100635. , 0, , 265-273.		1

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164	Synthesis of 2-(4-N-[11C]Methylaminophenyl)-6-Hydroxybenzothiazole ([11C]6-OH-BTA-1; [11C]PIB). , 0 , 177-189.		0
165	Clinical Manufacturing of [18F]-16- β -Fluoroestradiol ([18F]FES). , 0 , 69-80.		1
166	Synthesis of 3-Amino-4-[2-(N-Methyl-N-[11C]Methyl-Amino-Methyl)Phenylsulfanyl]-Benzonitrile ([11C]DASB). , 0 , 285-296.		0
167	Synthesis of [18F]-Substance-P Antagonist-Receptor Quantifier ([18F]SPA-RQ). , 0 , 155-166.		0
168	Synthesis of [11C]Acetate. , 0 , 297-303.		1
169	Synthesis of Sodium [18F]Fluoride (Na[18F]F). , 0 , 15-19.		0
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